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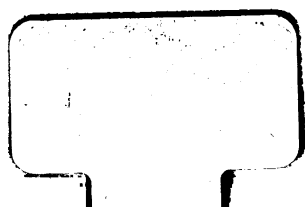
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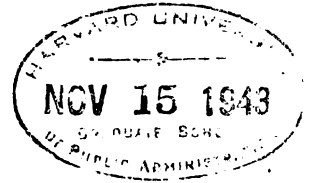
Massachusetts - Public documents

Massachusetts library association *Mar Dec 2. 1903*

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Catalogue

OF



Annual Reports

CONTAINED IN THE

Massachusetts Public Documents

ALSO OF

Special Reports and Papers
for 1898-1899

Prepared by the Massachusetts Library Club and issued by the
Massachusetts-State Library

BOSTON, 104 BEACON ST.
A. L. A. PUBLISHING BOARD
1901

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Mass. State Liby.

ANNUAL REPORTS

Hatch experiment station, Amherst.

Annual reports [including reports of the agriculturist, the meteorologist, the botanists, the horticulturist, the chemist and the entomologist, and special papers]. *Plates.*

Mass. Public Documents since 1895. (No. 33.)

Also published in Annual reports of the Massachusetts agricultural college. In 1895 the Hatch experiment station and the Massachusetts agricultural experiment station were consolidated under the title: Hatch experiment station of the Massachusetts agricultural college. The reports of the Massachusetts agricultural experiment station had appeared in the Documents since 1883 appended to the report of the Board of agriculture, and since 1889 independently.

1. Agriculture 2. Agricultural experiment stations 36

Lawrence (Mass.) experiment station.

Experiments upon the purification of sewage and water. (*In the Annual reports of the Board of health since 1891.*)

Mass. Public Documents since 1891.

"A full account of the work done at the Lawrence experiment station for the years 1888 and 1889 is contained in a special report of the State board of health upon the Purification of sewage and water, 1890."

1. Sewage 2. Water-supply 37

Massachusetts — *Adjutant-General.*

Annual reports.

Mass. Public Documents since 1857. (No. 7 since 1862.)

Published since 1834.

Militia 38

Massachusetts agricultural college, Amherst.

Annual reports [including special papers and the Annual reports of the Hatch experiment station]. *Plates.*

Mass. Public Documents since 1885. (No. 31.)

Published annually since 1863.

1. Agriculture 2. Agricultural experiment stations 39

Massachusetts — *Attorney-General.*

Reports [including opinions, informations, etc.].

Mass. Public Documents since 1860. (No. 12 since 1866.)

Published annually since 1833, except 1844-49.

Law 40

Massachusetts — Auditor of accounts.

Reports.

Mass. Public Documents since 1858. (No. 6 since 1861.)

Published annually since 1849.

Finance

41

Massachusetts — Board of Agriculture.

Annual reports of the Secretary.

Mass. Public Documents since 1858. (No. 4.)

Published since 1853. Include Annual reports of the Hatch experiment station since 1895; of the Dairy bureau since 1891; of the Cattle commissioners since 1884; reports on extermination of gypsy moth since 1891; reports of delegates to the Farmers' national congress since 1891; financial returns of societies since 1858; Directory of Massachusetts agricultural organizations since 1889. Contain also reports of lectures and discussions at public meetings of the board, and many other essays and papers of interest and value.

1. Agriculture 2. Agricultural pests 3. Agricultural experiment stations 4. Dairy
5. Cattle 6. Gypsy moth 7. Farmers' national congress

42

Massachusetts — Board of Arbitration and conciliation.

Annual reports.

Mass. Public Documents since 1889. (No. 40.)

Published since 1886. Before 1893 called State board of arbitration. Reports for 1893, 1895 and since, contain a review of industrial arbitration & legislation in the United States.

Arbitration, Industrial

43

Massachusetts — Board of Cattle commissioners.

Annual reports [with appendices of special papers].

Mass. Public Documents since 1894. (No. 51.)

Published also in Annual reports of the State board of agriculture since 1885. Preceded by Annual report of the Commissioners on contagious diseases among cattle for 1884.

Cattle

44

Massachusetts — Board of Charity.

Annual reports.

Mass. Public Documents since 1864. (No. 17 since 1866.)

The Board of state charities [including lunacy] was established in 1863; consolidated with the State board of health in 1879, and called State board of health, lunacy and charity till 1886, when the two boards were separated. In 1898 a separate Board of insanity was created, and the Board of lunacy and charity became the Board of Charity. The report for 1885 contains a general index to supplements 1-7.

1. Almshouses 2. Poor 3. Insane hospitals

44a

Massachusetts — Board of commissioners of *Savings banks*.

Annual reports [relating to savings banks, institutions for savings, safe deposit, loan and trust companies, co-operative banks, collateral loan companies, mortgage loan and investment companies].

Mass. Public Documents since 1876. (No. 8.)

Previous to 1866 the returns were published by the Secretary of the Commonwealth. From 1866 to 1875 were published the 1st to 10th reports of the Commissioner of savings banks; in 1876 the series of reports of the Board of commissioners began. Since 1881 the reports have contained the statutes relating to savings banks.

Savings-banks

45

Massachusetts — Board of commissioners of *Savings banks*.

Supplementary report relating to unclaimed deposits.

Mass. Public Documents 1888, 1892, 1897.

Savings-banks

46

Massachusetts — Board of *Education*.

Annual reports, together with the Reports of the Secretary of the board. *Plates*.

Mass. Public Documents since 1857. (No. 2 since 1858.)

Published since 1838. These reports contain: Reports of the Visitors of state normal schools, and the Agents of the Board; Abstracts of school committees' reports (1857-75); statistical tables in regard to schools; and occasional monographs.

1. Education 2. Public schools 3. Normal schools

47

Massachusetts — Board of *Gas and electric light commissioners*.

Annual reports [including returns of gas and electric lighting companies, accounts of accidents from the use of gas and electricity, etc.].

Mass. Public Documents since 1886. (No. 35.)

Published since 1885. From 1885 to 1889 known as Board of gas commissioners.

1. Gas 2. Electric light 3. Accidents

48

Massachusetts — Board of *Harbor and land commissioners*.

Annual reports. *Maps, plans*.

Mass. Public Documents since 1879. (No. 11.)

Commissioners on Boston harbor and the Back Bay established in 1853; called Commissioners on the Back Bay, 1855-60; Board of commissioners on public lands, 1861-76; Board of land commissioners, 1877-78; in the Public Documents since 1857. Consolidated in 1879 with Board of harbor commissioners which had been established in 1867, and had had its reports in the Public Documents since 1877.

1. Harbors 2. Public lands

49

Massachusetts — Board of *Health*.

Annual reports.

Mass. Public Documents since 1869. (No. 34 since 1884.)

The board was consolidated in 1879 with the Board of state charities under the title State board of health, lunacy and charity; re-established as a separate board in 1886. During this period Reports on public health were published as supplements to the reports of the board. The 11th report contains a general index. (Doc. 30, 1879.) Specially valuable for the reports on water supplies and the purification of sewage. Also contains reports on food and drug inspection.

1. Hygiene, public 2. Water-supply 3. Sewage 50

Massachusetts — Board of *Insanity*.

Reports.

Mass. Public Documents since 1899. (No. 63.)

The separate board was established in 1898. For earlier reports see Board of Charity.

Insane hospitals 51

Massachusetts — Board of *Metropolitan park commissioners*.

Reports. *Plates, plans.*

Mass. Public Documents since 1893. (No. 48.)

A preliminary report of the temporary board was issued in January 1893.

Parks 52

Massachusetts — Board of *Metropolitan sewerage commissioners*.

Annual reports. *Plates, maps, plans.*

Mass. Public Documents since 1891. (No. 45.)

Published since 1889.

Sewerage 53

Massachusetts — Board of *Police for Boston*.

Annual reports.

Mass. Public Documents since 1894. (No. 49.)

Published since 1885.

Boston. Police 54

Massachusetts — Board of *Police for Fall River*.

Annual reports.

Mass. Public Documents since 1895. (No. 58.)

Published since 1895.

Fall River. Police 55

Massachusetts—Board of *Railroad commissioners*.

Annual reports [including returns of railroad corporations and street railway companies]. *Maps*.

Mass. Public Documents since 1870. (No. 14 since 1879.)

Previous to 1870 returns were published by the Secretary of the Commonwealth. The report in the Documents of 1870 is called the 2d report of the Commissioners.

1. Railroads 2. Street-railroads

56

Massachusetts—Board of *Registration in dentistry*.

Annual reports.

Mass. Public Documents since 1889. (No. 38.)

Published since 1887. Reports since 1896 contain lists of all dentists registered.

Dentists

57

Massachusetts—Board of *Registration in medicine*.

Annual reports [including Official list of practitioners of medicine registered in the commonwealth].

Mass. Public Documents since 1894. (No. 56.)

Physicians

58

Massachusetts—Board of *Registration in pharmacy*.

Annual reports.

Mass. Public Documents since 1889. (No. 39.)

Published since 1886.

Pharmacy

59

Massachusetts—Bureau of *Statistics of Labor*.

Annual reports [including annual Labor chronology since 1893, and special collections of statistics of wages, particular forms of employment, etc.].

Mass. Public Documents since 1873. (No. 15 since 1879.)

Published since 1869. Report for 1875 contains History of the bureau, and of labor legislation in Massachusetts.

Labor

60

Massachusetts—Bureau of *Statistics of Labor*.

Annual statistics of manufactures.

Mass. Public Documents since 1888. (No. 36.)

Published since 1886. The Documents for 1889 contain the report for 1888 as well as 1889. Includes industrial chronology for each year since 1890.

Manufactures

61

Massachusetts — *Civil service commissioners.*

Annual reports [including civil service laws, regulations, forms, examples of examination papers, etc.].

Mass. Public Documents since 1894. (No. 53.)

Published since 1884.

Civil service

62

Massachusetts — Commissioners on inland *Fisheries and game.*

Reports. *Plates.*

Mass. Public Documents since 1877. (No. 25 since 1879.)

Published annually since 1866. Previous to 1871 called Commissioners of fisheries; from 1871 to 1885 Commissioners on inland fisheries; in 1886 Fish and game commissioners; in 1887 by the present title.

1. Fish-culture 2. Fisheries 3. Game

63

Massachusetts — Commissioners of *Prisons.*

Annual reports [including reports concerning the State prison, the reformatories, jails and houses of correction, statistics of prosecutions, etc.].

Mass. Public Documents since 1877. (No. 13 since 1879.)

Published since 1871.

1. Prisons 2. Crime

64

Massachusetts — Commissioner of *Public records.*

Reports on the custody and condition of the public records of parishes, towns, and counties.

Mass. Public Documents since 1894. (No. 52.)

Published annually since 1888. Give information about ink, paper, methods of repairing and protecting records, etc., with appendices of historical interest.

Archives

65

Massachusetts — Commissioners on the *Topographical survey.*

Reports.

Mass. Public Documents since 1894. (No. 50.)

Published annually since 1884.

Mass. Geography

66

Massachusetts—Controller of *County accounts*.

Annual reports.

Mass. Public Documents since 1888. (No. 29.)

Published since 1887. Summaries of annual reports of county officers, Jan. 1881 to Sept. 1886 were published by the Board of commissioners of savings banks.

1. Finance 2. Counties

67

Massachusetts—*Dairy bureau of the Board of agriculture.*

Annual reports. *Chart.*

Mass. Public Documents since 1897. (No. 60.)

Published also in Annual reports of the State board of agriculture since 1891.

Dairy

68

Massachusetts—*Danvers lunatic hospital.*

Annual reports of the trustees. *Plates, plans.*

Mass. Public Documents since 1878. (No. 20 since 1879.)

Called State lunatic hospital at Danvers previous to 1881.

Insane Hospitals. *Refer from Danvers lunatic hospital*

69

Massachusetts—District *Police.*

Reports of the chief, including the inspection department and the detective department. *Plates, plans.*

Mass. Public Documents since 1885. (No. 32.)

Published since 1866. Until 1875 the title of the office was Constable of the Commonwealth; 1875-79 it was Chief of state detective force. Include the enforcement of statutes for the protection of the industrial classes, give plans and descriptions for the ventilation and heating of school buildings and factories, and statistics of the condition of buildings, factories, workshops, etc., elevators, boilers, reports of accidents to workpeople, etc.

1. Labor 2. Boilers 3. Factories 4. Accidents 5. Police 6. Ventilation
7. Heating

70

Massachusetts—*Firemen's relief fund.*

Report of commissioners.

Mass. Public Documents since 1899. (No. 64.)

Firemen

71

Massachusetts—*Free public library commission.*

Reports.

Mass. Public Documents since 1891. (No. 44.)

The Reports include the library laws of the state, and occasional special appendices.

Libraries

72

Massachusetts — General court.

Reports of contested election cases in the senate and house for the years 1886–1897, edited by C. T. Russell.

Mass. Public Documents for 1897. (No. 37.)

Reports for 1853–85, 1886, 1886–90, 1886–93, 1886–95 also published in the Documents.

Elections 73

Massachusetts — General superintendent of Prisons.

Annual reports concerning prison labor.

Mass. Public Documents since 1889. (No. 41.)

Published since 1887.

Prison labor 74

Massachusetts — Highway commission.

Annual reports. *Plates, tables, maps.*

Mass. Public Documents since 1894. (No. 54.)

Published since 1893. A report of the Commission to improve the highways of the Commonwealth was issued in February, 1893.

Roads 75

Massachusetts hospital for consumptives and tubercular patients, at Rutland.

Reports of the trustees.

Mass. Public Documents since 1897. (No. 61.)

1. Hospitals 2. Consumption. *Refer from* Rutland (Mass.) hospital for consumptives 76

Massachusetts hospital for dipsomaniacs and inebriates, at Foxborough.

Annual reports of the trustees. *Plates, plans.*

Mass. Public Documents since 1893. (No. 47.)

Published since 1892.

Temperance. *Refer from* Foxborough hospital for dipsomaniacs and inebriates 77

Massachusetts hospital for epileptics, Monson.

Reports of the trustees

Mass. Public Documents since 1898. (No. 62.)

1. Hospitals. 2. Epilepsy. *Refer from* Monson (Mass.) hospital for epileptics 78

Massachusetts—*Inspector of gas meters and illuminating gas.*

Annual reports.

Mass. Public Documents since 1894. (No. 55.)

Gas

79

Massachusetts—*Insurance commissioner.*

Annual reports [relating to fire and marine, life, casualty, and assessment insurance].

Mass. Public Documents since 1857. (No. 9 since 1866.)

Published since 1855. Abstracts of returns of insurance companies were previously published by the Secretary of the Commonwealth.

Insurance

80

Massachusetts—*Lyman and Industrial schools.*

Annual reports of the trustees.

Mass. Public Documents since 1880. (No. 18.)

Called State primary and reform schools, 1880-95. Reports include those of the Lyman school for boys at Westborough, the State industrial school for girls at Lancaster, and until 1895, the State primary school at Monson. From 1847 to 1878 the Lyman school was called Massachusetts state reform school, its reports being published in the Documents since 1857. Reports of the Industrial school were published in the Documents since 1857.

Reformatories. *Refer from* Lyman school for boys, Westborough; Lancaster (Mass.) state industrial school for girls

81

Massachusetts—*Medfield insane asylum.*

Annual reports. *Plans.*

Mass. Public Documents since 1896. (No. 59.)

Insane hospitals. *Refer from* Medfield (Mass.) insane asylum

82

Massachusetts—*Metropolitan water board.*

Annual reports. *Plates, maps.*

Mass. Public Documents since 1895. (No. 57.)

Water-supply

83

Massachusetts nautical training school.

Annual reports of the commissioners.

Mass. Public Documents since 1897. (No. 42.)

Published since 1894.

Naval schools

84

Massachusetts — *Northampton lunatic hospital.*

Annual reports of the trustees.

Mass. Public Documents since 1857. (No. 21 since 1872.)

Published since 1856. Called State lunatic hospital at Northampton previous to 1885.
Insane hospitals. *Refer from* Northampton (Mass.) lunatic hospital 85

Massachusetts school for the feeble-minded.

Annual reports of the trustees.

Mass. Public Documents since 1857. (No. 28 since 1870.)

Published since 1848. Previous to 1883 called Massachusetts school for idiotic and feeble-minded youth. The school was at South Boston until 1891, when it was removed to Waltham.

Idiocy

86

Massachusetts — *Secretary of the Commonwealth.*

Abstracts of certificates of corporations organized under the general laws of Massachusetts.

Mass. Public Documents since 1857. (No. 10 since 1866.)

Published annually since 1851; under the title, Abstract of returns of joint stock companies, 1851-55, '57-62; Abstract of the attested returns of corporations, 1863-71, and as above, since 1872.

Corporations

87

Massachusetts — *Secretary of the Commonwealth.*

Aggregates of polls, property, taxes, etc. as assessed.

Mass. Public Documents since 1861. (No. 19 since 1873.)

Taxation

88

Massachusetts — *Secretary of the Commonwealth.*

Annual reports [including abstracts of returns of liquor licenses].

Mass. Public Documents since 1892. (No. 46.)

These reports summarize the work of the office, which covers many subjects, including care of archives and distribution of documents; special reports on some of its activities are issued.

1. Archives 2. Public documents 3. Liquor licenses

89

Massachusetts—*Secretary of the Commonwealth.*

Number of assessed polls, registered voters and persons who voted in each voting precinct, with the number of votes received by each candidate for a state office.

Mass. Public Documents since 1890. (No. 43.)

"The number of votes received by each candidate for a state office" first appeared in this publication in 1894.

Elections

90

Massachusetts—*Secretary of the Commonwealth.*

Reports of births, marriages, and deaths in Massachusetts. Returns of libels for divorce, and returns of deaths investigated by the medical examiners.

Mass. Public Documents since 1857. (No. 1.)

Published annually since 1843. Also known as Registration report.

1. Divorce 2. Vital statistics

91

Massachusetts—*State almshouse, at Tewksbury.*

Annual reports of the trustees. *Plates.*

Mass. Public Documents since 1857. (No. 26 since 1867.)

Published since 1854.

Almshouses. *Refer from* Tewksbury (Mass.) state almshouse

92-93

Massachusetts—*State farm, at Bridgewater.*

Annual reports of the trustees. *Plates.*

Mass. Public Documents since 1857. (No. 24 since 1867.)

Published since 1854. Called State almshouse at Bridgewater till 1872; State workhouse at Bridgewater, 1873-1886.

Almshouses. *Refer from* Bridgewater (Mass.) state farm

94

Massachusetts—*State industrial school for girls, at Lancaster.*

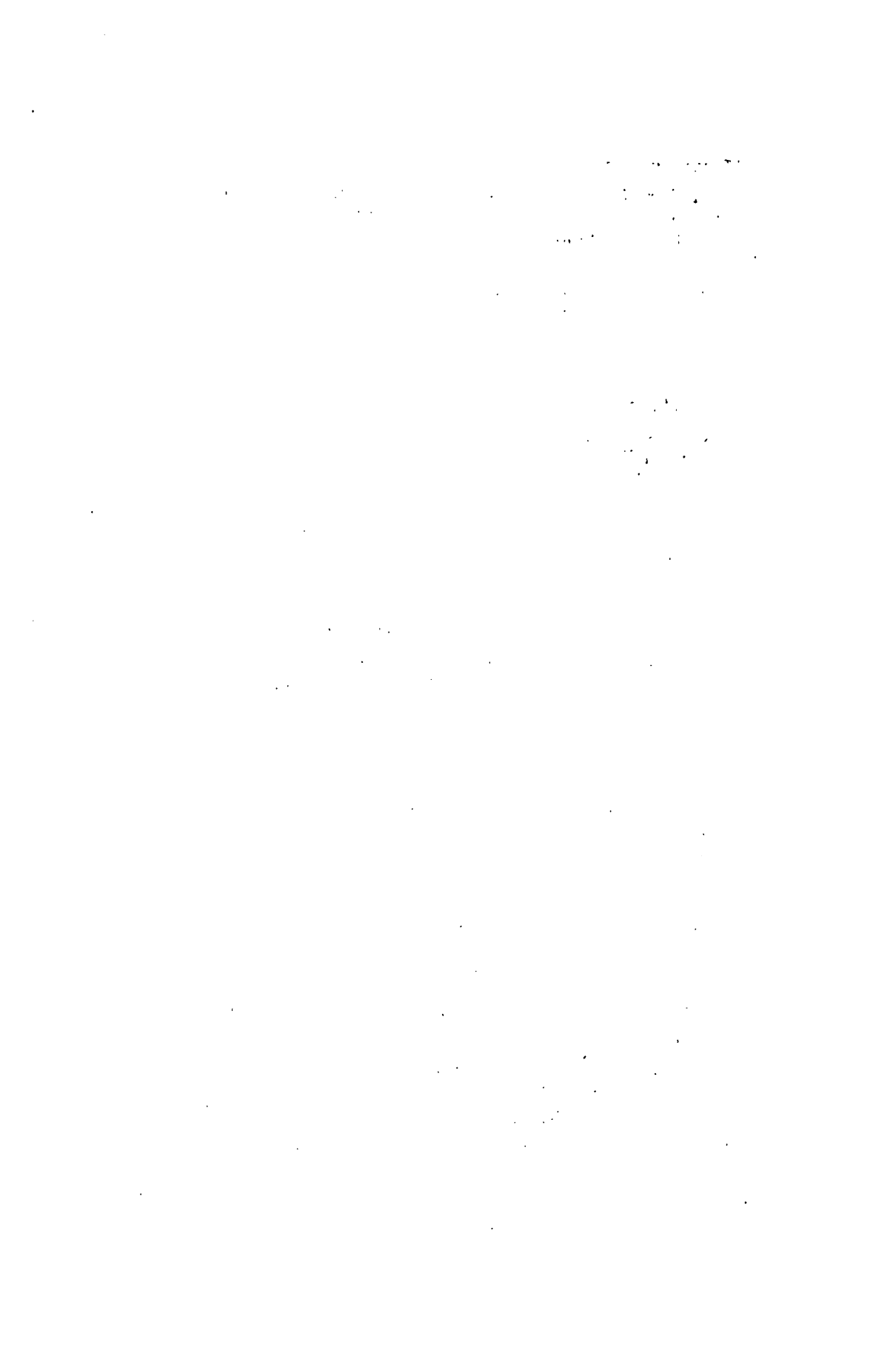
Annual reports.

Mass. Public Documents since 1857.

Published since 1856. From 1879-94 published in Annual reports of State primary and reform schools. For reports since 1895, see Massachusetts—Lyman and Industrial schools. Annual reports.

Reformatories. *Refer from* Lancaster (Mass.) state industrial school for girls

95



Massachusetts — *State library.*

Reports of the librarian, and Annual supplements to the General catalogue.

Mass. Public Documents since 1857. (No. 3 since 1858.)

Published as Annual report, 1849-79; as Report of the librarian, and Annual supplement to the General catalogue, 1880 and following years. The catalogue is useful for reference, especially for government publications.

1. Libraries 2. Library catalogs 96

Massachusetts — *Taunton lunatic hospital.*

Annual reports of the trustees.

Mass. Public Documents since 1857. (No. 22 since 1872.)

Published since 1854. Called State lunatic hospital at Taunton previous to 1885. Insane hospitals. *Refer from* Taunton (Mass.) lunatic hospital 97

Massachusetts — *Tax commissioner.*

Reports [including lists of corporations subject to taxation, assets and liabilities of municipalities, valuation of cities and towns, net indebtedness, steam boiler returns, property exempted from taxation, etc.]

Mass. Public Documents since 1877. (No. 16 since 1879.)

Published annually since 1870 (list of corporations alone, 1865-69).

1. Taxation 2. Corporations 3. Debts, public 4. Boilers 98

Massachusetts — *Treasurer and receiver-general.*

Reports.

Mass. Public Documents since 1860. (No. 5.)

Published annually since 1851.

Finance 99

Massachusetts — *Westborough insane hospital.*

Annual reports of the trustees. *Plans.*

Mass. Public Documents since 1885. (No. 30.)

Insane hospitals. *Refer from* Westborough (Mass.) insane hospital 100

Massachusetts — Worcester lunatic hospital.

Annual reports of the trustees.

Mass. Public Documents since 1857. (No. 23 since 1872.)

Published since 1833. Called State lunatic hospital at Worcester previous to 1885. Reports since 1878 contain Annual reports of the Worcester insane asylum at Worcester, called, previous to 1887, Temporary asylum for chronic insane at Worcester.

Insane hospitals. *Refer from* Worcester (Mass.) lunatic hospital.

101

Perkins institution and Massachusetts school for the blind.

Annual reports of the trustees. *Portraits, plates.*

Mass. Public Documents since 1857. (No. 27 since 1870.)

Published since 1832. Incorporated 1829 as New England asylum for the blind; then called New England institution for the education of the blind; and in 1839, Perkins institution and Massachusetts asylum for the blind; since 1877 called by its present name. Reports since 1887 include Annual reports of the kindergarten for the blind; report for 1889 contains Reports of Dr. Howe on Laura Bridgman.

Blind

102

**SPECIAL REPORTS AND PAPERS CONTAINED IN THE
DOCUMENTS FOR 1898 AND 1899**

Allen, Orrin Peer.

The evolution of agriculture. (*In* 47th Annual report of the Massachusetts state board of agriculture, p. 238-245.)

Mass. Public Documents for 1899, v. 9.

Agriculture

103

Bailey, Henry Turner.

Art instruction in elementary schools in Rome, Berlin, Paris, and London. *Illus.* (*In* 62d Annual report of the Board of education, p. 285-307.)

Mass. Public Documents for 1898, v. 8.

Art education

104

Bailey, Henry Turner.

Special report upon the state exhibition of drawing in the public schools. *Plates.* (*In* 63d Annual report of the Board of education, p. 397-454.)

Mass. Public Documents for 1899, v. 8.

1. Drawing 2. Art education

105

Bowditch, Nathaniel Ingersoll.

Future of Massachusetts agriculture. (*In* 46th Annual report of the Massachusetts state board of agriculture, p. 274-275.)

Mass. Public Documents for 1898, v. 9.

On the field of usefulness of the Board.

Agriculture

106

Brewster, Charles Kingman.

The Massachusetts agricultural college: its criticisms, its benefits. (*In* 46th Annual report of the Massachusetts state board of agriculture, p. 264-273.)

Mass. Public Documents for 1898, v. 9.

Massachusetts agricultural college

107

Brooks, William Penn.

Catch-crops. (*In* 46th Annual report of the Massachusetts state board of agriculture, p. 316-338.)

Mass. Public Documents for 1898, v. 9.

Crops

108

Burgess, Albert Franklin.

An egg-eating beetle. [*Anthrenus verbasci* Linn.] (*In* 46th Annual report of the Massachusetts state board of agriculture, p. 475-477.)

Mass. Public Documents for 1898, v. 9.

1. *Anthrenus verbasci* Linn. 2. Agricultural pests

109

Clark, Harry Willard.

An investigation of the action of water upon lead, tin and zinc, with especial reference to the use of lead pipes with Massachusetts water supplies. (*In* 30th Annual report of the State board of health, p. 539-585.)

Mass. Public Documents for 1898, v. 4.

1. Water 2. Plumbing 3. Water-supply

110

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Clark, Harry Willard.

The occurrence of iron in ground water and experiments upon methods of removal. (*In* 31st Annual report of the State board of health, p. 535-553.)

Mass. Public Documents for 1899, v. 4.

1. Water 2. Water-supply

111

Conwell, Russell Hiram.

Country life. (*In* 47th Annual report of the Massachusetts state board of agriculture, p. 114-129.)

Mass. Public Documents for 1899, v. 9.

Country life

112

Cooley, Fred Smith.

Butter cultures *v.* natural ripening. Effect on the flavor of butter. (*In* 36th Annual report of the Massachusetts agricultural college, p. 69-80.)

Mass. Public Documents for 1898, v. 9.

Butter

113

Cooley, Fred Smith.

Practical hints for the dairyman. (*In* 47th Annual report of the Massachusetts state board of agriculture, p. 273-288.)

Mass. Public Documents for 1899, v. 9.

Dairy

114

Fletcher, Grenville Theodore.

The consolidation of schools and the conveyance of children. (*In* 62d Annual report of the Board of education, p. 435-459.)

Mass. Public Documents for 1898, v. 8.

Public schools

115

Forbush, Edward Howe.

Birds as destroyers of hairy caterpillars. (*In* 47th Annual report of the Massachusetts state board of agriculture, p. 316-337.)

Mass. Public Documents for 1899, v. 9.

1. Birds 2. Agricultural pests

116

the fact that the *Phragmites* community is a highly productive, self-sustaining, and resilient system. The *Phragmites* community is a highly productive, self-sustaining, and resilient system. The *Phragmites* community is a highly productive, self-sustaining, and resilient system.

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Forbush, Edward Howe.

Nature's foresters. (*In* 46th Annual report of the Massachusetts state board of agriculture, p. 279-294.)

Mass. Public Documents for 1898, v. 9.

Forestry

117

Goodnough, Xanthus Henry and Johnson, William Stone.

The purification of the sewage of cities and towns in Massachusetts. (*In* 30th Annual report of the State board of health. p. 587-674.)

Mass. Public Documents for 1898, v. 4.

Sewage

118

Hale, John Howard.

The business side of agriculture [with discussion]. (*In* 46th Annual report of the Massachusetts state board of agriculture, p. 84-107.)

Mass. Public Documents for 1898, v. 9.

Agriculture

119

Hall, Granville Stanley.

The love and study of nature a part of education. (*In* 46th Annual report of the Massachusetts state board of agriculture, p. 134-154.)

Mass. Public Documents for 1898, v. 9.

Nature study

120

Hill, Frank Alpine.

How far the public high school is a just charge upon the public treasury, with statistical appendix. (*In* 62d Annual report of the Board of education, p. 347-382.)

Mass. Public Documents for 1898, v. 8.

High schools

121

Hills, Joseph Lawrence.

How can New England compete with the West in dairying? [with discussion.] (*In* 46th Annual report of the Massachusetts state board of agriculture, p. 156-183.)

Mass. Public Documents for 1898, v. 9.

Dairy

122

Hinds, Warren Elmer.

The grass thrips. *Anaphothrips striata* (Osborne). *Plates*. (In 37th Annual report of the Massachusetts agricultural college, p. 81-105.)

Mass. Public Documents for 1899, v. 9.

Grass thrips

123

Jenkins, Edward Hopkins.

What the experiment stations have learned about raising and curing tobacco [with discussion]. (In 46th Annual report of the Massachusetts state board of agriculture, p. 18-49.)

Mass. Public Documents for 1898, v. 9.

Tobacco

124

Jordan, Whitman Howard.

The mission of the agricultural colleges [with discussion]. (In 46th Annual report of the Massachusetts state board of agriculture, p. 51-82.)

Mass. Public Documents for 1898, v. 9.

Agricultural colleges

125

Kinney, Herbert Ralph.

Market gardening [with discussion.] (In 47th Annual report of the Massachusetts state board of agriculture, p. 86-112.)

Mass. Public Documents for 1899, v. 9.

Gardening

126

Kirkland, Archie Howard.

On the value of glucose in spraying. (In 46th Annual report of the Massachusetts state board of agriculture, p. 478-481.)

Mass. Public Documents for 1898, v. 9.

Spraying

127

Kirkland, Archie Howard.

The San José scale in Massachusetts. *Woodcuts*. (In 46th Annual report of the Massachusetts state board of agriculture, p. 295-315.)

Mass. Public Documents for 1898, v. 9.

San José scale

128

Lindsey, Joseph Bridges.

Milk and cream. (*In* 46th Annual report of the Massachusetts state board of agriculture, p. 346-368.)

Mass. Public Documents for 1898, v. 9.

Milk

129

Map of the electric railways of Massachusetts.

(*In* 31st Annual report of the Board of railroad commissioners.)

Mass. Public Documents for 1899, v. 5.

Electric railroads

130

Massachusetts — Board of *Education*.

Massachusetts school legislation from 1893 to 1898 inclusive [and] Respects wherein the Massachusetts legislation of 1898 concerning the employment of children at labor and the attendance of children at school differs in its provisions from the legislation previously in force. (*In its* 62d Annual report, p. 555-596.)

Mass. Public Documents for 1898, v. 8.

Supplement to "The public statutes of Massachusetts relating to public instruction," published in 1892.

1. Education. Law 2. Labor of children

131

Massachusetts — Board of *Education*.

Report of the secretary upon the compliance of towns and cities with chapter 332 of the acts of 1885, commonly known as the temperance law. (*In its* Annual report, p. 541-595.)

Mass. Public Documents for 1899, v. 8.

Temperance, Teaching of

132

Massachusetts — Board of *Harbor and land commissioners*.

The great storm in November, 1898. (*In its* Annual report, p. 39-45.)

Mass. Public Documents for 1898, v. 12.

Storms

133

Massachusetts—Bureau of *Statistics of Labor*.

Changes in conducting retail trade in Boston since 1874.
(*In its* 30th Annual report, p. 1-69.)

Mass. Public Documents for 1890, v. 11.

Department stores

134

Massachusetts—Bureau of *Statistics of Labor*.

Graded weekly wages: Massachusetts, other United States,
and foreign countries, 1810-1891. (*In its* Annual reports.)

Mass. Public Documents, 1895-98, v. 11.

The arrangement is by occupations in alphabetical order, viz:—A to C, 1895,
p. 417-707; D-G, 1896, p. 105-305; H-O, 1897, p. 43-310; P-Y, 1898, p. 101-
484.

Wages

135

Massachusetts—Bureau of *Statistics of Labor*.

Sunday labor. (*In its* 29th Annual report, p. 1-99.)

Mass. Public Documents for 1898, v. 11.

Sunday labor

136

Massachusetts—Commissioner of *Public records*.

Location of towns in counties. (*In his* 11th Report, p. 25-43.)

Mass. Public Documents for 1898, v. 2.

Mass. Geography

137

Massachusetts—*Free public library commission*.

The free public libraries of Massachusetts, compiled by H. S.
Nourse. *Plates*. (*In* 9th Report of the Free public library
commission, p. 1-430.)

Mass. Public Documents for 1898, v. 8.

A similar description of the free public libraries of the state was appended to the 1st
report of the Free public library commission.

Libraries

138

Massachusetts — Highway commission.

Road materials and their physical properties. *Plates.* (*In its 7th Annual report, p. 61-97.*)

Mass. Public Documents for 1899, v. 12.

Roads

139

Maynard, Samuel Taylor.

Spraying of crops for profit. *Illus.* (*In 47th Annual report of the Massachusetts state board of agriculture, p. 261-272.*)

Mass. Public Documents for 1899, v. 9.

Spraying

140

Morse, Merrick A.

The gypsy moth in the legislature. (*In 47th Annual report of the Massachusetts state board of agriculture, p. 37-44.*)

Mass. Public Documents for 1899, v. 9.

Gypsy moth

141

Niles, William Harmon.

Holland and its people. (*In 47th Annual report of the Massachusetts state board of agriculture, p. 74-84.*)

Mass. Public Documents for 1899, v. 9.

Holland

142

Paige, James Breckenridge.

Stable disinfection. (*In 46th Annual report of the Massachusetts state board of agriculture, p. 369-377.*)

Mass. Public Documents for 1898, v. 9.

1. Stables 2. Cattle

143

Phelps, Charles Shepard.

Grasses and other forage crops: [and] The effect of nitrogenous fertilizers [with discussion]. (*In 46th Annual report of the Massachusetts state board of agriculture, p. 184-217.*)

Mass. Public Documents for 1898, v. 9.

1. Grass 2. Fertilizers

144

Prince, John Tilden.

A course of studies for elementary schools. (*In the Reports of the Massachusetts board of education for 1895-96, pp. 435-480; 1896-97, pp. 279-314; 1897-98, pp. 383-433.*)

Mass. Public Documents for 1896, 1897, 1898, v. 8.

Public schools

145

Prince, John Tilden.

Special report upon city and town supervision of schools. (*In 63rd Annual report of the Board of education, p. 287-330.*)

Mass. Public Documents for 1899, v. 8.

Public schools

146

Sessions, William Robert.

Dairying [with discussion]. (*In 47th Annual report of the Massachusetts state board of agriculture, p. 45-73.*)

Mass. Public Documents for 1899, v. 8.

With a list of papers on dairying published in Reports since 1887.

Dairy

147

Smith, George Parmenter.

The evolution of farm implements. (*In 47th Annual report of the Massachusetts state board of agriculture, p. 246-257.*)

Mass. Public Documents for 1899, v. 8.

Agricultural tools

148

Stone, George Edward and Smith, Ralph Elliott.

The relationship existing between the asparagus rust and the physical properties of the soil. (*In 12th Annual report of the Hatch experiment station, p. 61-73.*)

Mass. Public Documents for 1899, v. 8.

Asparagus rust

149

Walker, Charles Swan.

Trusts and their relation to the farmers. (*In* 47th Annual report of the Massachusetts state board of agriculture, p. 185-205.)

Mass. Public Documents for 1899, v. 9.

Trusts

150

Wellington, Charles.

Suggestions for the use of barnyard manure. *Plate.* (*In* 47th Annual report of the Massachusetts state board of agriculture, p. 301-315.)

Mass. Public Documents for 1899, v. 9.

Manures

151

Wheeler, Homer Jay.

The composition and economical use of commercial fertilizers [with discussion]. (*In* 47th Annual report of the Massachusetts state board of agriculture, p. 131-183.)

Mass. Public Documents for 1899, v. 9.

Fertilizers

152

Whitaker, George Mason.

Tuberculosis and the milk supply. (*In* 46th Annual report of the Massachusetts state board of agriculture, p. 339-345.)

Mass. Public Documents for 1898, v. 9.

1. Milk 2. Tuberculosis

153

Willard, Samuel D.

The place that fruit growing should hold in New England agriculture [with discussion]. (*In* 46th Annual report of the Massachusetts state board of agriculture, p. 109-133.)

Mass. Public Documents for 1898, v. 9.

Fruit

154

INDEX OF SUBJECT HEADINGS

The figures refer to the numbers of the titles

Accidents	48, 70	Idiocy	86
Agriculture	36, 39, 42, 103 106, 119	Insane hospitals	44 ^a , 51, 69, 82, 85, 97, 100, 101
Agricultural colleges	125	Insurance	80
experiment stations	36, 39, 42	Labor	60, 70
pests	42, 109, 116	of children	131
tools	148	Lancaster school	81, 95
Almshouses	44 ^a , 92, 94	Law	40
Anthrenus verbasco Linn.	109	Libraries	72, 96, 138
Arbitration, Industrial	43	Library catalogs	96
Archives	65, 89	Liquor licenses	89
Art education	104, 105	Lyman school	81
Asparagus rust	149	Manufactures	61
Birds	116	Manures	151
Blind	102	Massachusetts Geography	66, 137
Boilers	70, 98	Mass. agricultural college	107
Boston. Police	54	Medfield insane asylum	82
Bridgewater state farm	94	Militia	38
Butter	113	Milk	129, 153
Cattle	42, 44, 143	Monson hospital	78
Civil service	62	Nature study	120
Consumption	76	Naval schools	84
Corporations	87, 98	Normal schools	47
Counties	67	Northampton lunatic hospital	85
Country life	112	Parks	52
Crime	64	Pharmacy	59
Crops	108	Physicians	58
Dairy	42, 68, 114, 122, 147	Plumbing	110
Danvers lunatic hospital	69	Police	70
Debts, public	98	Poor	44 ^a
Dentists	57	Prison labor	74
Department stores	134	Prisons	64
Divorce	91	Public documents	89
Drawing	105	lands	49
Education	47, 131	schools	47, 115, 145, 146
Electric light	48	Railroads	56
railroads	130	Reformatories	81, 95
Elections	73, 90	Roads	75, 139
Epilepsy	78	Rutland hospital	76
Factories	70	San José scale	128
Fall River. Police	55	Savings-banks	45, 46
Farmers' national congress	42	Sewage	37, 50, 118
Fertilizers	144, 152	Sewerage	53
Finance	41, 67, 99	Spraying	127, 140
Firemen	71	Stables	143
Fish-culture	63	Storms	133
Fisheries	63	Street railroads	56
Forestry	117	Sunday labor	136
Foxborough hospital	77	Taunton lunatic hospital	97
Fruit	154	Taxation	88, 98
Game	63	Temperance	77, 132
Gardening	126	Tewksbury almshouse	92
Gas	48, 79	Tobacco	124
Grass	144	Trusts	150
Grass thrips	123	Tuberculosis	153
Gypsy moth	42, 141	Ventilation	70
Harbors	49	Vital statistics	91
Heating	70	Wages	135
High schools	121	Westborough insane hospital	100
Holland	142	Water	110, 111
Hospitals	76, 78	supply	37, 50, 83, 110, 111
Hygiene, public	50	Worcester lunatic hospital	101

